

LAND RECLAMATION COMMISSION

STATE OF MISSOURI

P.O. BOX 176

JEFFERSON CITY, MISSOURI 65102

573-751-4041

Permit To Engage in Surface Mining

LAND RECLAMATION COMMISSION

ISSUES TO

BIG CREEK QUARRY, INC.

Pursuant to "The Land Reclamation Act," RSMo, 2001, and on conformity with the statements

In the application, a permit is hereby granted to engage in surface mining of

limestone in the state of Missouri. The extent of the

Proposed mining operation(s) will be on 60 acres, more or less.

The locations of the operation(s) under this permit is/are as follows: Renewal

County	Section	Township	Range	Acres Renewed	Acres New	Total Acres	Site Stream Name	Site Number
Lincoln	21	48N	01E	20	0	20	Site #1	0465
Lincoln	28	48N	01E	40	0	40	Site #2	0464

This permit may be suspended or revoked upon violation of any or all of the conditions set forth in "The Land Reclamation Act," RSMo, 2001, or in such rules and regulations as are promulgated pursuant thereto by the Land Reclamation Commission.

IN WITNESS WHEREOF I have hereunto set my hand this 18th day of February 2004

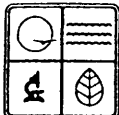

DIRECTOR OF STAFF
Land Reclamation Commission

Permit No. 0400T
Effective Date 02/28/2004
Expiration Date 02/27/2005

MOI 760-1122 (6-93)

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JAN 29 2004



MISSOURI DEPARTMENT OF NATURAL RESOURCES
LAND RECLAMATION COMMISSION
PERMIT RENEWAL FOR INDUSTRIAL MINERAL MINES

MISSOURI LAND

P.O. BOX 176
JEFFERSON CITY, MO 65102-0176

NAME OF CORPORATION, COMPANY, PARTNERSHIP OR INDIVIDUAL SIG CREEK QUARRY INC.		RECLAMATION COMMISSION DATE 1/27/04	
ADDRESS 4884 METTE RD	CITY MOSCOW MILLS	STATE MO	ZIP CODE 63362
CONTACT PERSON C. SCOTT HIEBERT		TELEPHONE NUMBER 636-364-9595	

FEES: COMPLETE SECTION I OR SECTION II

SECTION I. Fees: Open pit operators and those mining more than 5,000 tons of sand and/or gravel:

1. To compute the site fee complete the information below:

SITE NAME OR NUMBER (add a separate sheet for additional sites)	Mark each month that the site will be operated during the permit year	For sites operated less than six months per permit year pay \$150 For sites operated six months or more per permit year pay \$300
1. SITE #1	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$ 150
2. SITE #2	Jan , Feb , Mar , Apr , May , Jun , Jul , Aug , Sep , Oct , Nov , Dec	\$ 300
3.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
4.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
5.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
6.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
7.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
8.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
9.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
10.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
TOTAL SITE FEE		\$ 450

2. Acreage Fee \$5 X **60** number of acres bonded **300** \$

3. Annual Permit Fee \$ 500

4. Total Fee (Add totals from 1, 2 and 3) \$ **1250.00**

NOTE: If Total Fee exceeds \$2,500.00 then pay only \$ 2,500

SECTION II. FEES: Sand or gravel operators mining less than 5,000 tons per year:

1. Annual Permit Fee \$ 300

SIGNATURE OF APPLICANT C. Scott Hiebert		TITLE PRESIDENT	DATE 1/27/04
Appeared before me this 27th day of January , 20 04 , C. SCOTT HIEBERT to me personally known, who executed the above as their free acts and deeds.			
NOTARY PUBLIC EMBOSSEER SEAL	STATE OF Missouri	COUNTY (OR CITY OF ST. LOUIS) St. Charles	
	SUBSCRIBED AND SWORN BEFORE ME, THIS 27th DAY OF January , YEAR 2004		
	NOTARY PUBLIC SIGNATURE Joyce A. Hittson	MY COMMISSION EXPIRES	
	NOTARY PUBLIC NAME (TYPED OR PRINTED) Joyce A. Hittson		
FOR DEPARTMENT USE ONLY: APPROVED BY [Signature]		DATE APPROVED 2-9-04	PERMIT NUMBER 4005
		EXPIRATION DATE 2-27-2005	



MISSOURI DEPARTMENT OF NATURAL RESOURCES
LAND RECLAMATION COMMISSION
SITE INFORMATION FORM

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FEB 28 2000

To be completed for each separate area of disturbance associated with mining operations.

SITE NAME OR NUMBER BIG CREEK QUARRY, INC. / SITE #1		PERMIT NUMBER NEW Hop
COMPANY NAME BIG CREEK QUARRY, INC.		
COUNTY LINCOLN	1/4 SECTION S	SECTION 21
TOWNSHIP 47N	RANGE 1E	ACRES 20
RIVER OR STREAM NAME (FOR IN-STREAM ACRES) N/A		
MINERAL COMMODITY LIMESTONE	ESTIMATED TONS/YEAR (FOR GRAVEL SITES) ZERO	

NAME OF LANDOWNER (ATTACH LIST IF MORE THAN ONE) CARL JENNINGS		
ADDRESS 2765 CARTER RD.		
CITY MOSCOW MILLS	STATE MISSOURI	ZIP CODE 63362
SOURCE OF RIGHT TO MINE (CHECK ONE): <input type="checkbox"/> MINERAL DEED <input type="checkbox"/> WARRANTY DEED <input type="checkbox"/> OTHER (DESCRIBE): _____ <input checked="" type="checkbox"/> LEASE <input checked="" type="checkbox"/> VERBAL AGREEMENT		DATE OF AGREEMENT

MINERAL RIGHTS OWNER (ATTACH LIST IF MORE THAN ONE) <i>Same As Landowner RD 4-13-00 as per phone conversation with Scott Hebert</i>		
ADDRESS		
CITY	STATE	ZIP CODE
SOURCE OF RIGHT TO MINE (CHECK ONE): <input type="checkbox"/> MINERAL DEED <input type="checkbox"/> WARRANTY DEED <input type="checkbox"/> OTHER (DESCRIBE): _____ <input type="checkbox"/> LEASE <input type="checkbox"/> VERBAL AGREEMENT		DATE OF AGREEMENT

NOTE: Each site must be shown on a map and be included in a public notice and an approved mine plan.



MISSOURI DEPARTMENT OF NATURAL RESOURCES
LAND RECLAMATION COMMISSION
MINE PLAN

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FFB 28 2010

MISSOURI LAND

P.O. BOX 176
JEFFERSON CITY, MO 65102

TYPE OF PLAN (CHECK ONE):

☐ SHORT TERM, FOR ONE PERMIT YEAR

COMPANY NAME BIG CREEK QUARRY, INC.

☒ LONG TERM, FOR PERIOD THROUGH DATE: 3/1/2010

DESCRIPTION OF SITE PRIOR TO LAND RECLAMATION COMMISSION PERMITTING (BY APPLICANT OR PRIOR OPERATOR), INCLUDING SOIL, VEGETATION AND TOPOGRAPHY.

This site covers an area of 20 acres. This area was originally a wheat field and is one of the higher elevations in the immediate area. The land is Keswick Silt loam described by the Soil Conservation Service as: "Strongly sloping, moderately well drained soil on side slopes in the uplands".

OPERATION PLAN - 10 CSR 40-10.020(2)(D)1.

A. TOPSOIL

AVERAGE DEPTH OF TOPSOIL, PRIOR TO LAND RECLAMATION COMMISSION PERMITTING

6"-8" INCHES

IS TOPSOIL TO BE SOLD OR DISCARDED OFFSITE?

☐ YES OR ☒ NO

DESCRIBE METHODS AND EQUIPMENT USED FOR TOPSOIL REMOVAL

Topsoil was removed from an area near southwest corner of property. This was accomplished with scrapers.

DESCRIBE METHODS AND EQUIPMENT USED FOR TOPSOIL STORAGE AND PROTECTION

Scrapers deposited topsoil on the southern most area of property. At this time topsoil area is covered with grass. There is no immediate plan to move any remaining topsoil unless needed for soil erosion on site.

B. SPOIL

DESCRIBE METHODS AND LOCATION OF SPOIL PLACEMENT AND DISPOSAL

This area was originally mined in 1987. It was soon determined that the site contained too much overburden to mine economically. Therefore, most of the overburden was replaced to its original location with some being used to build a road on the west side of a 1 acre pond which was formed in the mine area. This dirt moving was accomplished with scrapers.

C. ACID MATERIALS

DESCRIBE METHODS AND EQUIPMENT USED FOR HANDLING ACID MATERIALS (IF NONE IS ANTICIPATED, WRITE "NONE" BELOW)

NONE

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MISSOURI LAND
RECLAMATION COMMISSION

D. PIT INFORMATION (GIVE ALL DIMENSIONS IN FEET)

DESCRIBE LOCATION AND ORIENTATION OF PIT, IF NOT CLEAR ON SITE MAPS

SEE MAP

YES NO

☐ ☒ Will any excavation be at or within fifty feet (50') of the right-of-way of any public road?☐ ☒ Will any highwall consisting of unconsolidated materials be left within fifty feet of the right-of-way of any public road? (NOTE: For unconsolidated materials left in place, a slope of no more than forty degrees may start near the right of way, and in no case may the excavation be closer to the right of way than fifty feet or twenty-five feet plus one and one-half (1-½) times the depth of unconsolidated material, whichever is greater, unless a variance is granted by the Commission.)☐ ☒ Will any excavation start at or within fifty feet (50') of any property line?
(NOTE: If the answer is "yes", a safety barrier may be needed.)

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FEB 25 2006

RECLAMATION PLAN - 10 CSR 40-10.020(2)(D)2.

A. REVEGETATION (Attach additional sheets, if needed)

REVEGETATION MIX #1 COMPLETED	PURPOSE OR LAND USE PASTURE	MISSOURI RECLAMATION COMMISSION B SEEDING OR PLANTING TIME COMPLETED
---	---------------------------------------	---

DESCRIBE METHODS AND EQUIPMENT TO BE USED FOR SEEDING OR PLANTING

COMPLETED

Lime and fertilizer will be applied according to recommendations made, based on an analysis of soil texture and nutrients. Mulch will be applied to all slopes exceeding 5:1.

SEEDED SPECIES	POUNDS/ACRE	TREE OR SHRUB SPECIES	STEMS/ACRE
Fescue	20 lbs.		
Perennial Ryegrass	15 lbs.		
Crownvetch	20 lbs.		
Red Clover	8 lbs.		

REVEGETATION MIX #2	PURPOSE OR LAND USE	B SEEDING OR PLANTING TIME
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DESCRIBE METHODS AND EQUIPMENT TO BE USED FOR SEEDING OR PLANTING

Lime and fertilizer will be applied according to recommendations made, based on an analysis of soil texture and nutrients. Mulch will be applied to all slopes exceeding 5:1.

SEEDED SPECIES	POUNDS/ACRE	TREE OR SHRUB SPECIES	STEMS/ACRE

ATTACH ADDITIONAL SHEETS FOR ADDITIONAL SEED MIXES.

B. GRADING

DESCRIBE PROPOSED RECLAIMED TOPOGRAPHY, INCLUDING SLOPES

Spoil areas have been graded to slopes traversable by farm machinery.

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MISSOURI LAND
RECLAMATION COMMISSION

C. DESCRIBE THE GENERAL SEQUENCE AND TIMING OF THE FOLLOWING ACTIVITIES

GRADING

DONE

REPLACEMENT OF TOPSOIL

DONE

REVEGETATION

DONE

AVERAGE DEPTH OF REPLACED TOPSOIL (INCHES)

D. USE OF LAND WHEN RECLAIMED

Estimate acreage of each land use below, after reclamation

ESTIMATED ACRES:

Wildlife (forest or other habitat with livestock excluded)

Agricultural (pasture, cropland, and horticultural)

19

Development (residential, industrial, and recreational)

Water impoundments (for wildlife, agricultural, or development)

1

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By my signature, I attest to the following:

MISSOURI LAND
RECLAMATION COMMISSION

1. All statements made on this Mine Plan Form are correct, complete, and true, to the best of my knowledge.
2. I or the company I am authorized to represent intend(s) to mine in accordance with this Mine Plan Form, and in accordance with the Missouri Land Reclamation Act, Sections 444.760 through 444.789, RSMo and all rules, regulations, orders, decisions and permits of the Missouri Land Reclamation Commission pertaining to my company's surface mining operations.
3. I have obtained the approval of all landowner's for all proposed post-reclamation land uses.
4. I have a valid agreement with all landowners which gives me the right to grant access to the Director of the Missouri Land Reclamation Commission and his authorized representatives, and I grant such access, and further where I have no such right, I have attached signed affidavits from the landowners, granting such access.

SIGNATURE OF APPLICANT <i>C. Scott Hubert</i>		TITLE <i>PRESIDENT</i>	DATE <i>2/21/2000</i>
NOTARY PUBLIC EMBOSSEER SEAL	STATE <i>Missouri</i>		COUNTY (OR CITY OF ST. LOUIS) <i>St. Charles</i>
	SUBSCRIBED AND SWORN BEFORE ME THIS <i>21st</i> DAY OF <i>February</i> <i>2000</i>		USE RUBBER STAMP IN CLEAR AREA BELOW <div style="border: 1px solid black; padding: 5px; margin: 0 auto; width: 150px;"> JOYCE A. HITTSON Notary Public - Notary Seal STATE OF MISSOURI WARREN COUNTY MY COMMISSION EXP. APR. 19, 2003 </div>
	NOTARY PUBLIC SIGNATURE <i>Joyce A. Hittson</i>	MY COMMISSION EXPIRES <i>4/19/03</i>	
	NOTARY PUBLIC NAME (TYPED OR PRINTED) <i>Joyce A. Hittson</i>		
APPROVED BY (DIRECTOR'S REPRESENTATIVE) <i>[Signature]</i>		DATE APPROVED <i>6-1-00</i>	PERMIT NUMBER <i>0400</i>



MISSOURI DEPARTMENT OF NATURAL RESOURCES
LAND RECLAMATION COMMISSION
SITE INFORMATION FORM

RECEIVED
FEB 28 2000

To be completed for each separate area of disturbance associated with mining operations.

SITE NAME OR NUMBER BIG CREEK QUARRY, INC. / SITE #2		PERMIT NUMBER NEW 0400	MISSOURI LAND RECLAMATION COMMISSION
COMPANY NAME BIG CREEK QUARRY, INC.			
COUNTY LINCOLN	1/4 SECTION S	SECTION 28	
TOWNSHIP 48N	RANGE 1E	ACRES 40	
RIVER OR STREAM NAME (FOR IN-STREAM ACRES) N/A			
MINERAL COMMODITY LIMESTONE		ESTIMATED TONS/YEAR (FOR GRAVEL SITES) ZERO	

NAME OF LANDOWNER (ATTACH LIST IF MORE THAN ONE)

BIG CREEK QUARRY, INC.

ADDRESS

P.O. BOX 874

CITY ST. CHARLES	STATE MISSOURI	ZIP CODE 63302
SOURCE OF RIGHT TO MINE (CHECK ONE): <input type="checkbox"/> MINERAL DEED <input checked="" type="checkbox"/> WARRANTY DEED <input type="checkbox"/> OTHER (DESCRIBE):		DATE OF AGREEMENT
<input type="checkbox"/> LEASE <input type="checkbox"/> VERBAL AGREEMENT		

MINERAL RIGHTS OWNER (ATTACH LIST IF MORE THAN ONE)

Same As Landowner 4-13-00 as per phone conversation

Scott H. Hixson

ADDRESS

CITY	STATE	ZIP CODE
SOURCE OF RIGHT TO MINE (CHECK ONE): <input type="checkbox"/> MINERAL DEED <input type="checkbox"/> WARRANTY DEED <input type="checkbox"/> OTHER (DESCRIBE):		DATE OF AGREEMENT
<input type="checkbox"/> LEASE <input type="checkbox"/> VERBAL AGREEMENT		

NOTE: Each site must be shown on a map and be included in a public notice and an approved mine plan.



MISSOURI DEPARTMENT OF NATURAL RESOURCES
LAND RECLAMATION COMMISSION
MINE PLAN

P.O. BOX 176
JEFFERSON CITY, MO 65102

TYPE OF PLAN (CHECK ONE):

☐ SHORT TERM, FOR ONE PERMIT YEAR

COMPANY NAME

BIG CREEK QUARRY, INC.

☒ LONG TERM, FOR PERIOD THROUGH DATE:

3/1/2010

DESCRIPTION OF SITE PRIOR TO LAND RECLAMATION COMMISSION PERMITTING (BY APPLICANT OR PRIOR OPERATOR), INCLUDING SOIL, VEGETATION AND TOPOGRAPHY.

This site includes approximately 40 acres. The largest portion of the mine area includes Type 2F - Goss cherty silt loam, with the remainder in 6DC Crider silt loam. Both areas are characterized by steep slopes and heavy woods. The south edge of the property borders Big Creek.

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MISSOURI LAND
RECLAMATION COMMISSION

OPERATION PLAN - 10 CSR 40-10.020(2)(D)1.

A. TOPSOIL

AVERAGE DEPTH OF TOPSOIL, PRIOR TO LAND RECLAMATION COMMISSION PERMITTING

2" - 3"

INCHES

IS TOPSOIL TO BE SOLD OR DISCARDED OFFSITE?

☐ YES OR

☒ NO

DESCRIBE METHODS AND EQUIPMENT USED FOR TOPSOIL REMOVAL

Trees will be removed by dozer first. Then an area along southern edge of property will have topsoil removed. Overburden from initial mining area will be placed where topsoil has been removed. Topsoil or overburden will not be removed more than 1 year in advance of mining operations. Topsoil and overburden will be moved during winter for next years mining.

DESCRIBE METHODS AND EQUIPMENT USED FOR TOPSOIL STORAGE AND PROTECTION

Excavators and trucks will be used to build berm with overburden and stockpile topsoil. After berm is completed, topsoil will be placed on berm, then seeded with grass to protect from erosion.

B. SPOIL

DESCRIBE METHODS AND LOCATION OF SPOIL PLACEMENT AND DISPOSAL

After berm is built, remaining overburden will be spread and graded in mined-out area of pit. This area will be graded to drain, then seeded. Equipment used will be scrapers, dozer and grading tractor.

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RECLAMATION COMMISSION

C. ACID MATERIALS

DESCRIBE METHODS AND EQUIPMENT USED FOR HANDLING ACID MATERIALS (IF NONE IS ANTICIPATED, WRITE "NONE" BELOW)

NONE

D. PIT INFORMATION (GIVE ALL DIMENSIONS IN FEET)

DESCRIBE LOCATION AND ORIENTATION OF PIT, IF NOT CLEAR ON SITE MAPS

SEE MAP

YES	NO	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Will any excavation be at or within fifty feet (50') of the right-of-way of any public road?
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Will any highwall consisting of unconsolidated materials be left within fifty feet of the right-of-way of any public road? (NOTE: For unconsolidated materials left in place, a slope of no more than forty degrees may start near the right of way, and in no case may the excavation be closer to the right of way than fifty feet or twenty-five feet plus one and one-half (1-½) times the depth of unconsolidated material, whichever is greater, unless a variance is granted by the Commission.)
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Will any excavation start at or within fifty feet (50') of any property line? (NOTE: If the answer is "yes", a safety barrier may be needed.)

RECLAMATION PLAN - 10 CSR 40-10.020(2)(5)2.**A. REVEGETATION** (Attach additional sheets, if needed)

REVEGETATION MIX #1

#1

PURPOSE OR LAND USE

Wildlife

B. SEEDING OR PLANTING TIME

Spring: March 15 - May 15
Fall: Sept. 15 - Oct. 15

DESCRIBE METHODS AND EQUIPMENT TO BE USED FOR SEEDING OR PLANTING

During first spring after topsoil replacement, the seed mix will be broadcast and harrowed. After grass has grown sufficient to control erosion, trees and shrubs will be planted on southern border.

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RECLAMATION COMMISSION

Lime and fertilizer will be applied according to recommendations made, based on an analysis of soil texture and nutrients. Mulch will be applied to all slopes exceeding 5:1.

SEEDED SPECIES	POUNDS/ACRE	TREE OR SHRUB SPECIES	STEMS/ACRE
Timothy	8	Eastern White Pine	300
Orchard Grass	15	Red Pine	
Perennial Ryegrass	15	Blue Spruce	
Crownvetch	20		
Red Clover	8		

REVEGETATION MIX #2

#2

PURPOSE OR LAND USE

Industrial Site

B. SEEDING OR PLANTING TIME

Spring: March 15 - May 15
Fall: Sept. 15 - Oct. 15

DESCRIBE METHODS AND EQUIPMENT TO BE USED FOR SEEDING OR PLANTING

During the first spring following spoil replacement the seed mix will be broadcast and harrowed. Reseeding will be done as needed to achieve cover sufficient to control erosion.

Lime and fertilizer will be applied according to recommendations made, based on an analysis of soil texture and nutrients. Mulch will be applied to all slopes exceeding 5:1.

SEEDED SPECIES	POUNDS/ACRE	TREE OR SHRUB SPECIES	STEMS/ACRE
Tall Fescue	20		
Orchard Grass	15		
Redtop	10		
Alfalfa	10		

ATTACH ADDITIONAL SHEETS FOR ADDITIONAL SEED MIXES.

B. GRADING

DESCRIBE PROPOSED RECLAIMED TOPOGRAPHY, INCLUDING SLOPES

Flat industrial area with berm on south side.

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RECLAMATION COMMISSION**C. DESCRIBE THE GENERAL NATURE AND TIMING OF THE FOLLOWING ACTIVITIES****GRADING**

Grading will be done as the pit advances and as spoil is placed in the mined-out portions. Final grading will be completed within one year of an area becoming inactive.

REPLACEMENT OF TOPSOIL

Topsoil will be replaced to a uniform depth of 12 inches, and disced to reduce compaction. Topsoil will be replaced within one year of an area becoming inactive.

REVEGETATION

All topsoil areas will be seeded during the first optimum seeding period following topsoil replacement.

REPLACE DEPTH OF REPLACED TOPSOIL (INCHES)

12"

D. USE OF LAND WHEN RECLAIMED

Estimate acreage of each land use below, after reclamation

ESTIMATED ACRES:

Wildlife (forest or other habitat with livestock excluded)

6

Agricultural (pasture, cropland, and horticultural)

Development (residential, industrial, and recreational)

34

Water impoundments (for wildlife, agricultural, or development)

By my signature, I attest to the following:

1. All statements made on this Mine Plan Form are correct, complete, and true, to the best of my knowledge.
2. I or the company I am authorized to represent intend(s) to mine in accordance with this Mine Plan Form, and in accordance with the Missouri Land Reclamation Act, Sections 444.760 through 444.789, RSMo and all rules, regulations, orders, decisions and permits of the Missouri Land Reclamation Commission pertaining to my company's surface mining operations.
3. I have obtained the approval of all landowner's for all proposed post-reclamation land uses.
4. I have a valid agreement with all landowners which gives me the right to grant access to the Director of the Missouri Land Reclamation Commission and his authorized representatives, and I grant such access, and further where I have no such right, I have attached signed affidavits from the landowners, granting such access.

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MISSOURI LAND
RECLAMATION COMMISSION

SIGNATURE OF APPLICANT <i>C Scott Ziebert</i>		TITLE PRESIDENT	DATE 2/21/2000
NOTARY PUBLIC EMBOSSEER SEAL	STATE <i>Missouri</i>	COUNTY (OR CITY OF ST. LOUIS) <i>St. Charles</i>	
	SUBSCRIBED AND SWORN BEFORE ME THIS <i>21st</i> DAY OF <i>February</i> <i>2000</i>		USE RUBBER STAMP IN THESE AREAS BELOW Notary Public - Notary Seal STATE OF MISSOURI WARREN COUNTY MY COMMISSION EXP. APR. 19, 2003
	NOTARY PUBLIC SIGNATURE <i>Joyce A. Hittson</i>	MY COMMISSION EXPIRES <i>4/19/03</i>	
	NOTARY PUBLIC NAME (TYPED OR PRINTED) <i>Joyce A. Hittson</i>		
APPROVED BY (DIRECTOR'S REPRESENTATIVE) <i>Robert B. ...</i>		DATE APPROVED <i>6-1-00</i>	PERMIT NUMBER <i>0400</i>

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Phone:

(314) 356-4554

(314) 366-4266

Fax: (314) 356-9291

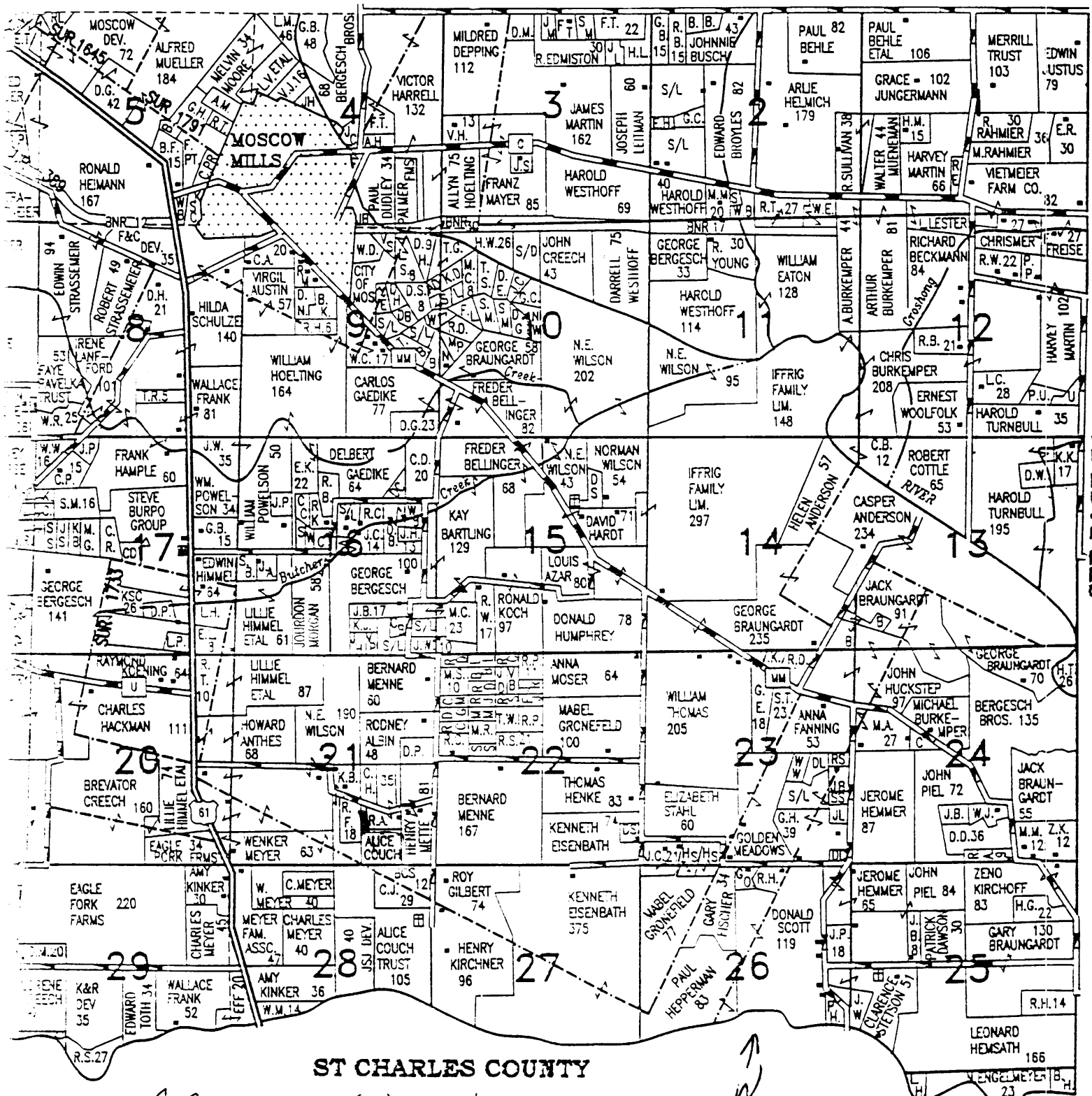
Road
MO 63362

Residential

FEB 28 2000

MISSOURI LAND
RECLAMATION COMPANY

TOWNSHIP 48N • RANGE 1E




BIG CREEK QUARRY
SITE #1 (orange)
SITE #2 (yellow)


DATE OF MAP: 1992
SCALE 1" = 3300'

SEE PAGE 51


BIG CREEK QUARRY


SITE #1 POST MINING USES

 GREEN AREA
 PASTURE (190 acres)

 BLUE AREA
 POND (1 acre)

SITE #2 POST MINING USES

 PINK CROSS HATCHED
 AREA
 INDUSTRIAL (34 acres)

 YELLOW BOUNDARY
 AREA
 WILDLIFE (6 acres)

BLACK LINE
 HENDERSON

